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REFERENCE: UE 901F

ATTACHMENT TO L-1081 30 JUNE 1966 PAGE 1

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Declassification Review by NGA/DoD

HA NOI PETROLEUM PRODUCTS STORAGE
THANH AM, NORTH VIETNAM
_2103N 10553E

1. SIGNIFICANCE:

THIS BRIEFING BOARD DEPICTS THE EFFECTS OF A
U.S. AIR STRIKE ON THE HA NOI PETROLEUM PRODUCTS STORAGE
THANH AM.

2. LOCATION:

HA NOI PETROLEUM PRODUCTS STORAGE THANH AM IS LOCATED JUST SOUTHWEST OF THANH AM AND 3.7 NM NORTHEAST OF HA NOI.

3. <u>COLLATERAL</u>:

THE PETROLEUM FACILITIES OF NORTH VIETNAM ARE
LIMITED TO THOSE REQUIRED TO STORE AND DISTRIBUTE
REFINED PRODUCTS; THERE ARE NO OIL FIELDS OR REFINERIES
IN THE COUNTRY. ALL POL IS IMPORTED, WITH NINETY-FIVE
PERCENT ENTERING THE COUNTRY THROUGH THE PORT OF HAI PHONG.
THE MILITARY FORCES CONSUME ABOUT SIXTY PERCENT OF THE
TOTAL AVAILABLE SUPPLY; THE REMAINDER IS CONSUMED
PRINCIPALLY BY ROAD AND INLAND WATERWAY CARRIERS AND
HOUSEHOLD USES.

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GROUP 1
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THE STORAGE CAPACITY OF HA NOI PETROLEUM PRODUCTS
STORAGE THANH AM IS REPORTED TO BE APPROXIMATELY 34,000
METRIC TONS OR ABOUT 10,000,000 US GALLONS.

4. BACKGROUND:

PHOTOGRAPHY OF EARLY REVEALED THIS
INSTALLATION TO CONSIST OF AT LEAST THIRTY-SEVEN LARGE
POL STORAGE TANKS. A SUPPORT AREA WAS LOCATED JUST
SOUTHEAST OF THE TANK YARD AND CONSISTED OF TWO
WAREHOUSES, ONE ADMINISTRATION BUILDING, THIRTY-FIVE
STORAGE/SUPPORT BUILDINGS, AND A MOTOR POOL. THE
INSTALLATION WAS BOTH ROAD AND RAIL-SERVED.

5. STRIKE INFORMATION:

COLLATERAL REPORTS THAT SINCE THE BEGINNING OF
JUNE 1966 AT LEAST FIFTEEN MISSIONS HAVE BEEN DIRECTED
AGAINST APPROXIMATELY TEN POL INSTALLATIONS IN NORTH
VIETNAM. THIS ACTION CULMINATED ON 29 JUNE IN THE BOMBING
OF TWO OF NORTH VIETNAM'S MAJOR FUEL INSTALLATIONS AT
HAI PHONG AND HA NOI. THE TWO STORAGE AREAS HIT REPORTEDLY
ACCOUNT FOR SIXTY PERCENT OF NORTH VIETNAM'S POL RESERVES,
AND IT IS ESTIMATED THAT THEIR DESTRUCTION WOULD CUT
STORES TO A SIX-WEEK SUPPLY.

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HA NOI POL FACILITIES WERE STRUCK SUCCESSFULLY
BY US AIR FORCE AIRCRAFT. PILOT REPORTS INDICATE ALL
BOMBS ON TARGET WITH HEAVY SMOKE AND FIRES IN THE
TARGET AREA. INTENSE ANTIAIRCRAFT FIRE WAS ENCOUNTERED.
ONE F-105 WAS LOST IN THE TARGET AREA. SEARCH-AND-RESCUE
OPERATIONS ARE UNDER WAY.

ORDNANCE EXPENDED CONSISTED OF ONE HUNDRED AND EIGHTY-EIGHT 750-POUND GENERAL PURPOSE BOMBS.

6. MISSION READOUT:

UE 901F, 29 JUNE 1966, REVEALS ALL STORAGE TANKS WITHIN THE INSTALLATION APPEAR TO BE ENGULFED IN SMOKE AND FLAMES. APPROXIMATELY FIFTY BOMB CRATERS ARE OBSERVED IN THE STORAGE/SUPPORT AREA IMMEDIATELY SOUTHEAST OF THE TANK YARD, WITH EIGHT BUILDINGS SEVERELY DAMAGED AND SEVENTEEN MODERATELY DAMAGED. AT LEAST FIVE BOXCARS ON THE RAIL SIDING SERVING THE AREA HAVE BEEN DESTROYED.

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ATTACHMENT TO L-1081 30 JUNE 1966 PAGE **4**

HA NOI PETROLEUM PRODUCTS STORAGE
THANH AM, NORTH VIETNAM
2103N 10553E

1. SIGNIFICANCE:

THIS BRIEFING BOARD DEPICTS THE EFFECTS OF A U.S. AIR STRIKE ON THE HA NOI PETROLEUM PRODUCTS STORAGE THANH AM.

2. LOCATION:

HA NOI PETROLEUM PRODUCTS STORAGE THANH AM IS LOCATED JUST SOUTHWEST OF THANH AM AND 3.7 NM NORTHEAST OF HA NOI.

3. COLLATERAL:

THE PETROLEUM FACILITIES OF NORTH VIETNAM ARE LIMITED TO THOSE REQUIRED TO STORE AND DISTRIBUTE REFINED PRODUCTS; THERE ARE NO OIL FIELDS OR REFINERIES IN THE COUNTRY. ALL POL IS IMPORTED, WITH NINTY-FIVE PERCENT ENTERING THE COUNTRY THROUGH THE PORT OF HAI PHONG. THE MILITARY FORCES CONSUME ABOUT SIXTY PERCENT OF THE TOTAL AVAILABLE SUPPLY; THE REMAINDER IS CONSUMED PRINCIPALLY BY ROAD AND INLAND WATERWAY CARRIERS AND HOUSEHOLD USES.

THE STORAGE CAPACITY OF HA NOI PETROLEUM PRODUCTS STORAGE THANH AM IS REPORTED TO BE APPROXIMATELY 34,000 METRIC TONS OR ABOUT 10,000,000 US GALLONS.

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ATTACHMENT TO L-1081 30 JUNE 1966 PAGE A5

BACKGROUND:

PHOTOGRAPHY OF EARLY JUNE 1966 REVEALED THIS INSTALLATION TO CONSIST OF AT LEAST THIRTY-SEVEN LARGE POL STORAGE TANKS. AREA WAS LOCATED JUST SOUTHEAST OF THE TANK YARD AND CONSISTED OF TWO WAREHOUSES, ONE ADMINISTRATION BUILDING, THIRTY-FIVE STORAGE/ SUPPORT BUILDINGS, AND A MOTOR POOL. THE INSTALLATION WAS BOTH ROAD AND RAIL-SERVED.

5. STRIKE INFORMATION:

COLLATERAL REPORTS THAT SINCE THE BEGINNING OF JUNE 1966, AT LEAST FIFTEEN MISSIONS HAVE BEEN DIRECTED AGAINST APPROXIMATELY TEN POL INSTALLATIONS IN NORTH VIETNAM. THIS ACTION CULMINATED ON 29 JUNE IN THE BOMBING OF TWO OF NORTH VIETNAM'S MAJOR FUEL INSTALLATIONS AT HAI PHONG AND HA NOI. THE TWO STORAGE AREAS HIT REPORTEDLY ACCOUNT FOR SIXTY PERCENT OF NORTH VIETNAM'S POL RESERVES, AND IT IS ESTIMATED THAT THEIR DESTRUCTION WOULD CUT STORES TO A SIX-WEEK SUPPLY.

HA NOI POL FACILITIES WERE STRUCK SUCCESSFULLY BY US AIR FORCE AIRCRAFT. PILOT REPORTS INDICATE ALL BOMBS ON TARGET WITH HEAVY SMOKE AND FIRES IN THE TARGET AREA. INTENSE ANTIAIRCRAFT FIRE WAS ENCOUNTERED. ONE F-105 WAS LOST IN THE TARGET AREA. SEARCH-AND-RESCUE OPERATIONS ARE UNDER WAY.

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ORDNANCE EXPENDED CONSISTED OF ONE HUNDRED AND EIGHTY-EIGHT 750-POUND GENERAL PURPOSE BOMBS.

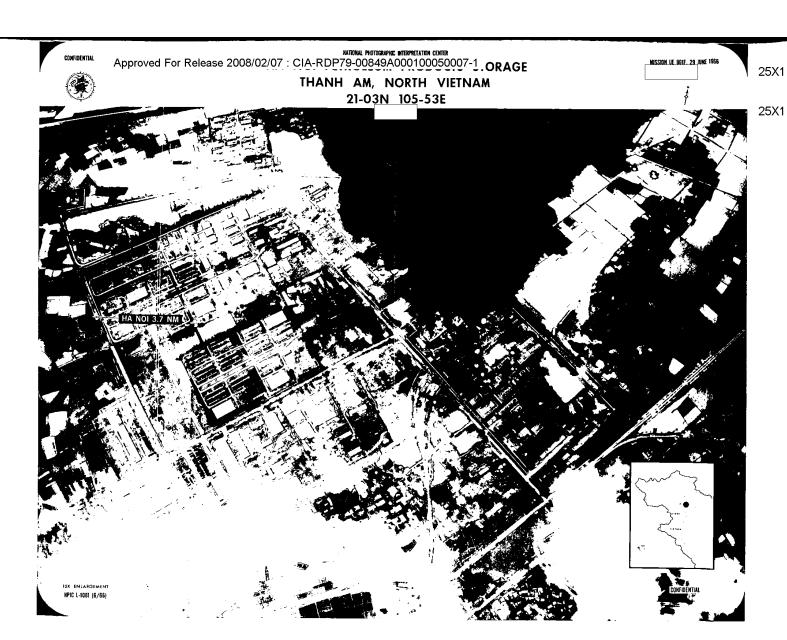
6. MISSION READOUT:

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